

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	300	(74/DIG.10).OCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/18 15:34
S1	2	(stephan near oberle) and (christian near friedrich)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/12 15:04
S2	223	(stephan near oberle) or (christian near friedrich)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/12 15:05
S3	509	((stephan or "s") near oberle) or ((christian or "c") near friedrich)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/12 15:05
S4	52	((stephan or "s") near oberle) or ((christian or "c") near friedrich) and gear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/12 15:09
S5	54	((stephan or "s") near oberle) or ((christian or "c") near friedrich) and gear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 15:09
S6	45	"4754661" "6050883" "4393625" "4400916" "4850155" "4339895" "3906677" "3813952" "4551954" "5188571" "5454702" "5494475" "5622459" "5908289" "5981889" "6217409" "6217409" "4910922" "4799337" "5255475" "4815239" "5573449" "5738569" "4811528" "4955163" "4961289" "5791840" "5957762"	USPAT	OR	ON	2008/08/12 15:23

		"5645467" "6190241" "6244413" "4825715" "6543569" "5595287" "6066820" "6893239" "4378660" "5624301" "3602209" "3907470" "3836072" "4155686" "4299062" "4434682" "4630404" "4757644" ). pn.				
S7	4	( "20070186711" "20050288144" "20020159905" "20040091379" ).pn.	US-PGPUB	OR	ON	2008/08/12 15:30
S8	1	"5259262".pn.	USPAT	OR	ON	2008/08/12 15:34
S9	6	(noninvolute near (gear or tooth))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 15:52
S10	2	("1892091").URPN.	USPAT	OR	OFF	2008/08/12 15:53
S11	107	(non near involute)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/12 15:53
S12	81	(non near involute) with (gear or tooth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 15:53
S13	3	S6 and (noninvolute or (non near involute))	USPAT	OR	ON	2008/08/12 16:16
S14	174	(74/457).OCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/12 16:20
S15	5	S14 and (noninvolute or (non near involute) or ("not" near involute))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/12 16:20

S16	115	(noninvolute or (non near involute) or ("not" near involute))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/12 16:25
S17	1	"6543569".pn.	USPAT	OR	OFF	2008/08/13 09:05
S18	1	"2760381".pn.	USPAT	OR	OFF	2008/08/13 09:10
S19	1	"2279414".pn.	USPAT	OR	OFF	2008/08/13 09:10
S20	21	("3665783"   "4149431"   "4189955"   "4215591"   "4222282"   "4572005"   "4681183"   "4940102"   "5288556"   "5341891"   "5445237"   "5860323"   "5927429"   "6041885"   "6155376"   "RE28740").PN. OR ("6543569").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 09:31
S21	1	(engine) and ((noninvolute) or (non near involute) or ("not" near involute)) and auxiliary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 10:02
S22	23	("1525642"   "1647191"   "1977749"   "2128815"   "2737854"   "3251236"   "3631736"   "3982445"   "4276785").PN. OR ("4640149").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 10:17
S23	0	((noninvolute) or (non near involute) or ("not" near involute)) and (auxiliary near drive near belt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 10:21
S24	7	((noninvolute) or (non near involute) or ("not" near involute)) and (auxiliary with drive belt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 10:21
S25	1	((noninvolute) or (non near involute) or ("not" near involute)) and (auxiliary with drive )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 10:22

S26	7611	(drive with gear) and (timing with belt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 12:51
S27	9749	(drive with gear) and (timing with belt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 12:51
S28	348	(74/10.8).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 12:52
S29	0	S28 and (timing with belt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 12:52
S30	147553	("74").CLAS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 12:52
S31	418	S30 and (timing with belt) and gear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 12:52
S32	489	S30 and (timing with belt) and gear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 12:52
S33	38	S30 and (timing with belt) and gear and (balanc\$3 with shaft)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 12:53
S34	14	S30 and (timing with belt) and (gear with profile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 12:54

S35	0	S30 and (timing with belt) and (gear with profile) and (noninvolute or ("not" near involute) or (non near involute))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 13:56
S36	0	(timing with belt) and (gear with profile) and (noninvolute or ("not" near involute) or (non near involute))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 13:56
S37	0	(timing with belt) and (noninvolute or ("not" near involute) or (non near involute))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 13:56
S38	0	(balance near shaft) and (noninvolute or ("not" near involute) or (non near involute))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:00
S39	116	(noninvolute or ("not" near involute) or (non near involute))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:01
S40	3	(crankshaft or (crank near shaft)) and (noninvolute or ("not" near involute) or (non near involute))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:03
S41	1	(balancer) and (noninvolute or ("not" near involute) or (non near involute))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:04
S42	693	(crankshaft or (crank near shaft)) and (involut \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:05
S43	9	(crankshaft or (crank near shaft)) and (involut \$3) and (gear near profile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:05

S44	1	S39 and (oil with pump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:05
S45	1	(10/061968).APP.	USPAT; USOCR	OR	OFF	2008/08/13 14:07
S46	7	("2965036"   "3817117"   "4138204"   "4277230"   "5496163").PN. OR ("6729855").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 14:27
S47	0	S39 and (opump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:29
S48	9	S39 and (pump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:29
S49	10	S39 and (motor with vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:32
S50	1	(10/011348).APP.	USPAT; USOCR	OR	OFF	2008/08/13 14:33
S51	15	("2255574"   "2402756"   "2891767"   "4211388"   "4452429"   "4736929"   "5860635").PN. OR ("6604731").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 14:33
S52	11	(oil with pump) and (involut\$3) and (gear near profile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:36
S53	10	(balanc\$3 with shaft) and (involut\$3) and (gear near profile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:49

S54	33	("2091317"   "2966808"   "3026809"   "3056315"   "3074294"   "3146638"   "3413896"   "3425620"   "3619093"   "3965774"   "4005619"   "4023441"   "4398874"   "4446752"   "4523632"   "4545263"). PN. OR ("4760759"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 15:01
S55	9	(rotary with piston with engine) and (involut\$3) and (gear near profile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 15:02
S56	2	("3425620").URPN.	USPAT	OR	OFF	2008/08/13 15:09
S57	33	("2091317"   "2966808"   "3026809"   "3056315"   "3074294"   "3146638"   "3413896"   "3425620"   "3619093"   "3965774"   "4005619"   "4023441"   "4398874"   "4446752"   "4523632"   "4545263"). PN. OR ("4760759"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 15:42
S58	8	("3982445", "6101892", "4051745").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 16:56
S59	3	("3982445", "6101892", "4051745").pn.	USPAT	OR	OFF	2008/08/13 16:56
S60	1	"20020043124"	US-PGPUB	OR	OFF	2008/08/13 16:57
S61	56	("0466923"   "1313035"   "1425144"   "1613702"   "1772986"   "2031888"   "2071317"   "2091317"   "2207290"   "2230418"   "2308558"   "2436231"   "2686155"   "2951053"   "2955481"   "2990724"   "3180172"   "3232134"   "3251236"   "3371552"   "3533300"   "3631736"   "3709055"   "3855874"   "3937098"   "4031770"   "4051745"   "4121481"   "4640149"   "5271289"). PN. OR ("6101892").	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 17:01

		URPN.				
S62	5780	(injection near mold\$3) with (hub or shaft)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 09:01
S63	6124	(injection near mold\$3) with (hub or shaft)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 09:02
S64	27	(chun near jeong)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 09:10
S65	0	(chun near jeong near uk)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 09:11
S66	6	hyundai and (balance with shaft with structure with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 09:20
S67	0	KR-2002046534-\$.did	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 09:21
S68	1	KR-2002046534-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 09:21
S69	1	(balance near shaft) and noise and (backlash or (back near lash)) and plastic and gear and vibration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 09:23



S70	15	(balanc\$3 with shaft) and noise and (backlash or (back near lash)) and plastic and gear and vibration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 09:23
S71	0	(11/959029).APP.	USPAT; USOCR	OR	OFF	2008/08/14 09:43
S72	1556	(injection near mold\$3) with (hub)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 09:53
S73	31	gear and (overmold\$3 with (shaft or hub))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 10:07
S74	0	kr20020046534	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 10:37
S75	61	(hyundai near motor) and (balance near shaft)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 10:38
S76	1	(hyundai near motor) and (balance near shaft) and plastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 10:39
S77	88	(chun near "j") and hyundai	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 10:39
S78	2	(chun near "j") and hyundai and plastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 10:40

S79	26	(US-20020134184-\$ or US-20070274853-\$ or US-20030147758-\$ or US-20020043124-\$).did. or (US-5908289-\$ or US-5259262-\$ or US-5188571-\$ or US-6178840-\$ or US-4640149-\$ or US-4754661-\$ or US-6837123-\$ or US-6543569-\$ or US-2760381-\$ or US-5135373-\$ or US-4760759-\$ or US-3425620-\$ or US-6101892-\$ or US-5271289-\$).did. or (US-3229541-\$).did. or (DE-19848883-\$ or DE-19528157-\$ or DE-19518194-\$ or WO-2004020135-\$).did. or (JP-2004161268-\$ or US-20020134184-\$ or CH-564999-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/08/14 11:01
S80	1	S79 and balanc\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/14 11:01
S81	19	("1844471"   "1862220"   "2490525"   "2677288"   "2874594"   "3367198"   "3439562"   "4259043"). PN. OR ("4542664"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 11:03
S82	56	("0466923"   "1313035"   "1425144"   "1613702"   "1772986"   "2031888"   "2071317"   "2091317"   "2207290"   "2230418"   "2308558"   "2436231"   "2686155"   "2951053"   "2955481"   "2990724"   "3180172"   "3232134"   "3251236"   "3371552"   "3533300"   "3631736"   "3709055"   "3855874"   "3937098"   "4031770"   "4051745"   "4121481"   "4640149"   "5271289"). PN. OR ("6101892"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 11:04

S83	2	S82 and balanc\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 11:05
S84	17	("3180172"   "3855874"). PN. OR ("4051745"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 11:05
S85	17	("3180172"   "3855874"). PN. OR ("4051745"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 11:07
S86	16	("3180172"   "3371552"   "3709055").PN. OR ("3982445").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 11:08
S87	0	(09/833669).APP.	USPAT; USOCR	OR	OFF	2008/08/14 15:50
S88	19	(injection near mold\$3) with (gear) with hub	USPAT; USOCR	OR	OFF	2008/08/14 15:54
S89	0	((injection near mold\$3) with (gear) with hub) and (plastic near gear)	USPAT; USOCR	OR	OFF	2008/08/14 15:56
S90	420	(plastic near gear)	USPAT; USOCR	OR	OFF	2008/08/14 15:57
S91	10	(plastic near gear) and (method near making) and injection	USPAT; USOCR	OR	OFF	2008/08/14 15:57
S92	78	(plastic near gear) and injection	USPAT; USOCR	OR	OFF	2008/08/14 15:58
S93	16	("3199364").URPN.	USPAT	OR	OFF	2008/08/14 17:07
S94	21	(S92 or S93) and (uniform)	USPAT	OR	OFF	2008/08/14 17:08
S95	0	(S92 or S93) and (uniform with composition)	USPAT	OR	OFF	2008/08/14 17:09
S96	6	(S92 or S93) and (uniform with plastic)	USPAT	OR	OFF	2008/08/14 17:09
S97	17	("3199364"   "3523991"   "3666322"   "3990136"   "4490128"   "4497766"   "4571226"   "4600400"). PN. OR ("4668209"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 17:11
S98	3	(homogeneous with plastic with gear) and (injection)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 17:13
S99	3	(homogeneous with plastic with gear) and (mold)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 17:15
S100	3	(homogeneous with plastic with gear) and (mold\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 17:15

S101	26	(uniform with plastic with gear) and (mold\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 17:15
S102	151	(resin with plastic with gear) and (mold\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 17:18
S103	76	(resin with plastic with gear) and (injection)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 17:18
S104	0	(09/984062).APP.	USPAT; USOCR	OR	OFF	2008/08/14 17:24

8/18/2008 3:34:28 PM

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